



THE HANFORD SITE

K East Reactor Interim Safe Storage Project

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What is being briefed:

- Purpose of the K East Reactor Interim Safe Storage project
- Project update

What do we want the HAB to do with this information?

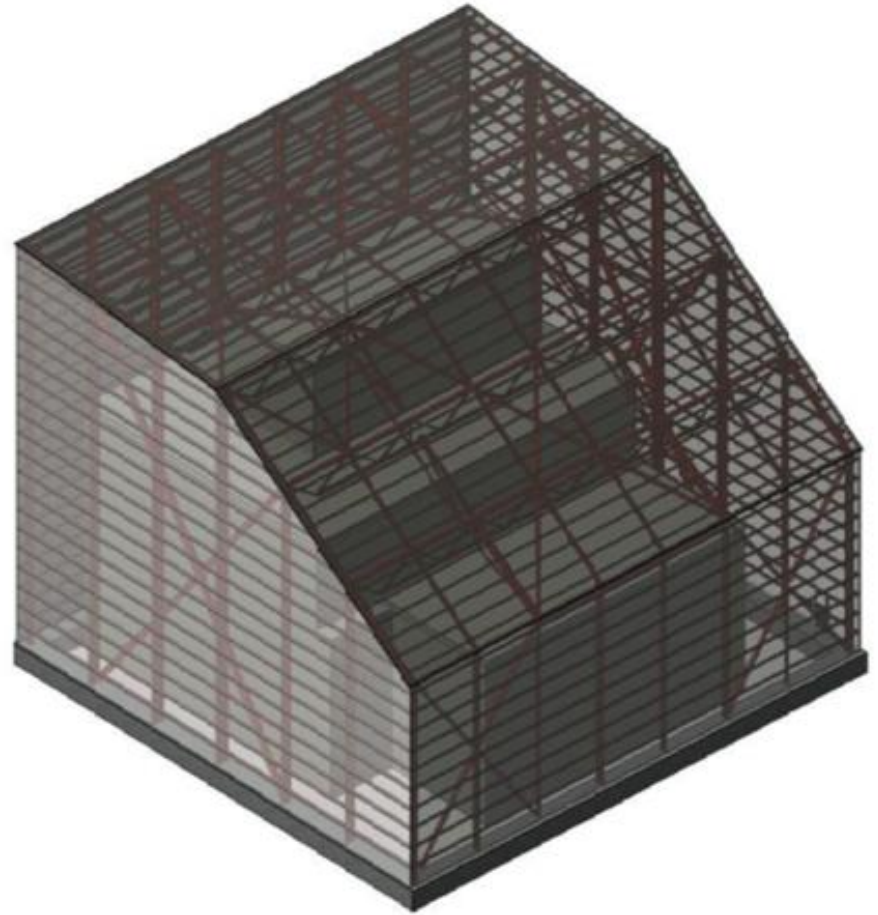
Information only; no advice requested

Purpose:

The safe storage enclosure will allow radiation inside the reactor to dissipate over a period of decades, until the reactor can be dismantled and safely disposed of

Size:

158 feet long by 151 feet wide by 123 feet tall



Rendering of 105 K East safe storage enclosure

K East Interim Safe Storage Update (cont.)



February 2022

K East foundation site preparation

K East Interim Safe Storage Update (cont.)



February 2022

105 K East foundation formwork and rebar placement



February 2022

K East foundation concrete pour

K East Foundation Construction Video

<https://www.youtube.com/watch?v=OsDIpp7phgs>

K East Interim Safe Storage Site Preparation



March 2022

Foundation backfill



March 2022

Foundation backfill



Steel delivery staged for K East structure

- ✓ Foundation steel fabrication complete
- Steel deliveries continue
- Steel cage erection started in April

- Placing the K East Reactor in Interim Safe Storage is a key component to completing cleanup along the Columbia River
- The steel enclosure is designed to protect the reactor building while radioactivity in the reactor core decays over next several decades, making it safer and easier to complete future disposition of the reactor
- K East Reactor Interim Safe Storage project completion is expected by the end of calendar year 2022

Questions?



The Hanford Reach
White Bluffs Overlooking the Columbia River